ROTEL hifi

Compact Disc Changer

RCC-935

owners

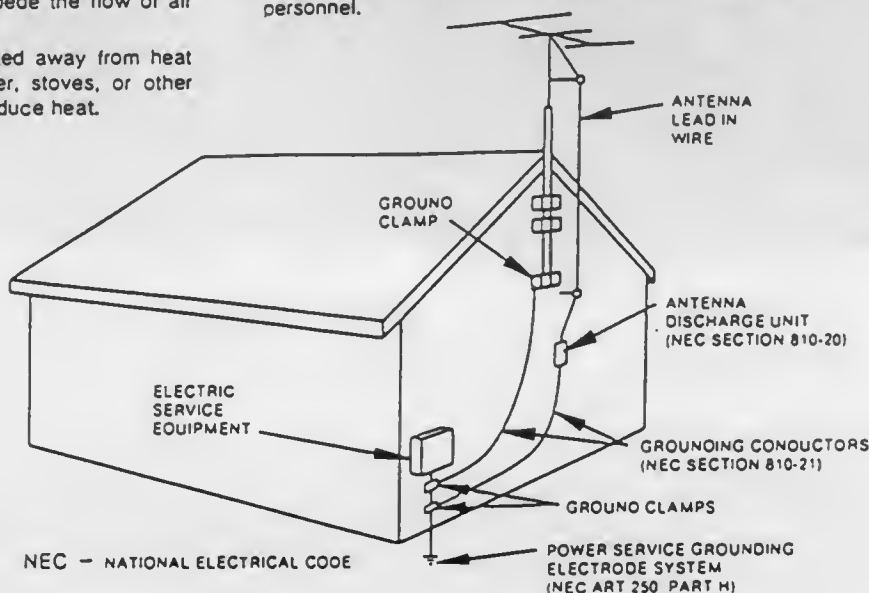# manual

(Please accept our apologies for this
temporary manual)

SAFETY INSTRUCTIONS
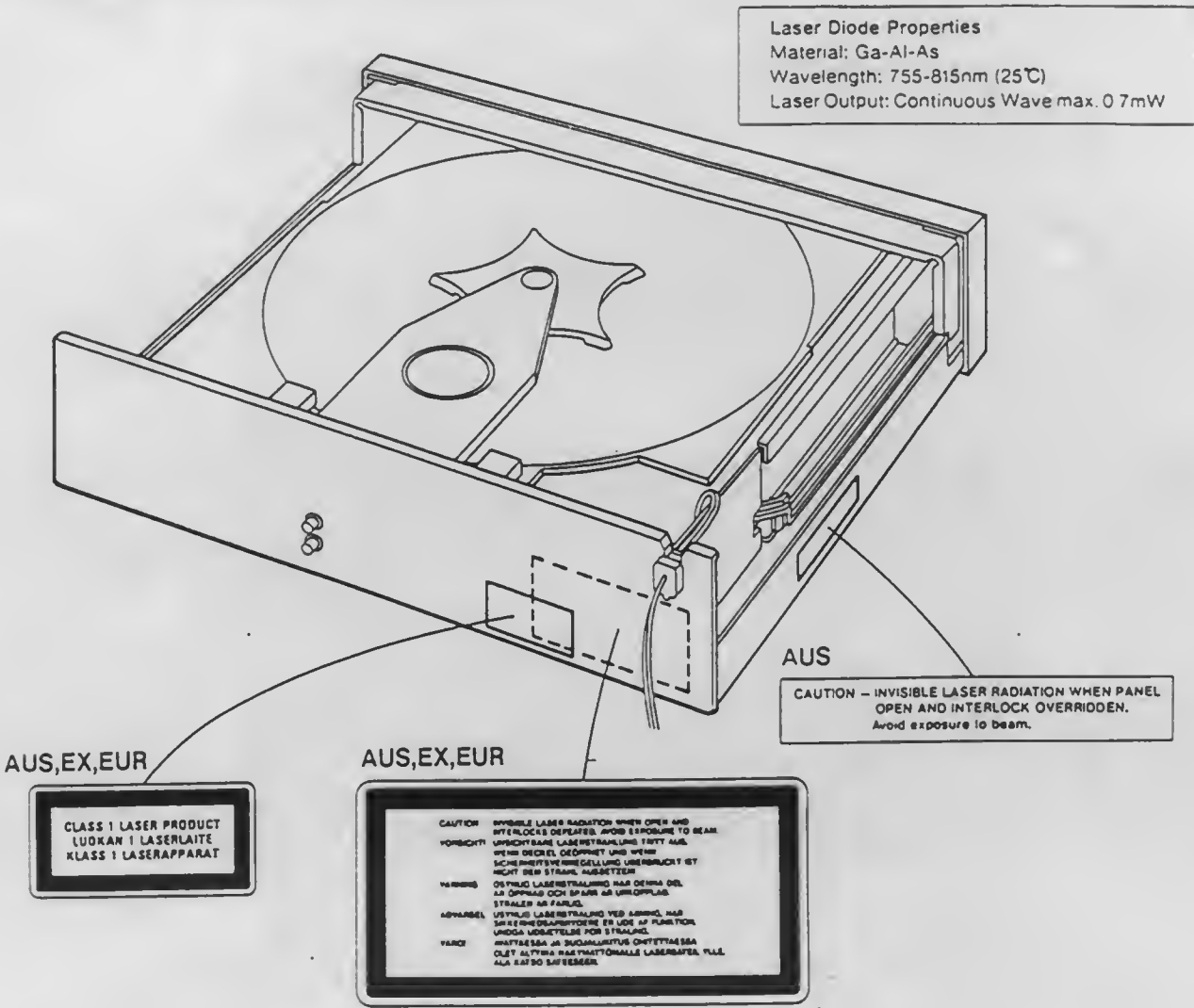
1. Read Instructions — All the safety and operating instructions should be read before the appliance is operated.

2. Retain Instructions — The safety and operating instructions should be retained for future reference.

3. Heed Warnings — All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions — All operating and use instructions should be followed.

5. Water and moisture — The appliance should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.

6. Carts and Stands — The appliance should be used only with a cart or stand that is recommended by the manufacturer.

6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

7. Wall or Ceiling Mounting — The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

8. Ventilation — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

9. Heat — The appliance should be situated away from heat sources such as radiators, heat register, stoves, or other appliances (including amplifiers) that produce heat.

10. Power Sources — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. Grounding or Polarization — The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.

12. Power — Cord Protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. Cleaning — The appliance should be cleaned only as recommended by the manufacturer.

14. Power Lines — An outdoor antenna should be located away from power lines.

15. Outdoor Antenna Grounding — If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure.

16. Nonuse Periods — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

17. Object and Liquid Entry — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

18. Damage Requiring Service — The appliance should be serviced by qualified service personnel when:
   A. The power-supply cord or the plug has been damaged; or
   B. Objects have fallen, or liquid has been spilled into the appliance; or
   C. The appliance has been exposed to rain; or
   D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
   E. The appliance has been dropped, or the enclosure damaged.

19. Servicing — The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

ANTENNA
LEAD IN
WIRE

GROUND
CLAMP

ANTENNA
DISCHARGE UNIT
(NEC SECTION 810-20)

ELECTRIC
SERVICE
EQUIPMENT

GROUNDING CONDUCTORS
(NEC SECTION 810-21)

GROUND CLAMPS

POWER SERVICE GROUNDING
ELECTRODE SYSTEM
(NEC ART 250 PART H)

NEC — NATIONAL ELECTRICAL CODE

SAFETY CERTIFICATION / CERTIFICAT DE SÉCURITÉ

Laser Diode Properties
Material: Ga-Al-As
Wavelength: 755-815nm (25°C)
Laser Output: Continuous Wave max. 0 7mW

AUS

CAUTION – INVISIBLE LASER RADIATION WHEN PANEL
OPEN AND INTERLOCK OVERRIDDEN.
Avoid exposure to beam.

AUS,EX,EUR

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

AUS,EX,EUR

DOC REGULATION
"THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS."

REGULATION DOC
"LE PRÉSENT APPAREIL NUMÉRIQUE N'ÉMET PAS DE BRUITS RADIOÉLECTRIQUES DÉPASSANT LES LIMITES APPLICABLES AUX APPAREILS NUMÉRIQUES DE LA CLASSE B PRESCRITES DANS LE RÈGLEMENT SUR LE BROUILLAGE RADIO ÉLECTRIQUE ÉDICTÉ PAR LE MINISTÈRE DES COMMUNICATIONS DU CANADA."

CAUTION— USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
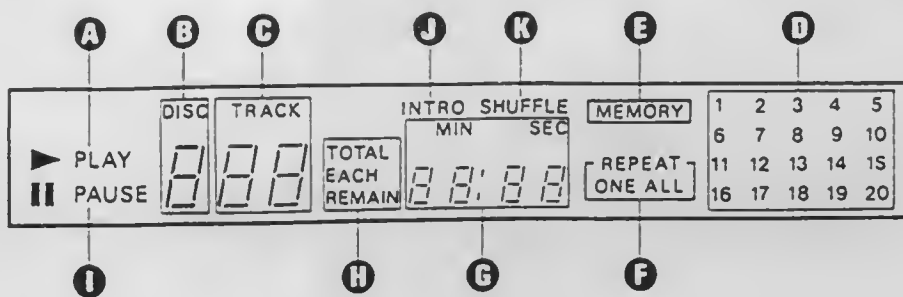
ATTENTION— L'EMPLOI D'ORGANES DE COMMANDE OU DE RÉGLAGE, OU L'EXÉCUTION DE PROCÉDURES, AUTRES QUE CEUX SPECIFIES DANS LE MODE D'EMPLOI, PEUT PROVOQUER UNE EXPOSITION DANGEREUSE AU RAYONNEMENT.

LASER SAFETY

This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.

Fig. 3 ⑩ Display Panel

A PLAY Indicator
B DISC NUMBER Display
C TRACK NUMBER Display
D Music Calendar
E MEMORY Indicator
F ONE REPEAT/ALL REPEAT Indicators
G TIME Display
H TOTAL/EACH/REMAIN Indicators
J PAUSE Indicator
J INTRO Indicator
K SHUFFLE Indicator

Fig. 4

Lift out.

The proper way to hold a compact disc.

Fig. 5

REMOTE CONTROL UNIT

① Infrared Transmitter Window
② DISC NO. Button
③ TRACK NO. Button
④ SEARCH Button
⑤ MEMORY CHECK Button
⑥ MEMORY Button
⑦ PLAY Button
⑧ MUSIC SKIP (▶▶l) Button
⑨ MUSIC SKIP (l◀◀) Button
⑩ STOP Button
⑪ DISC SKIP Button
⑫ REPEAT Button
⑬ PAUSE Button
⑭ TIME Button
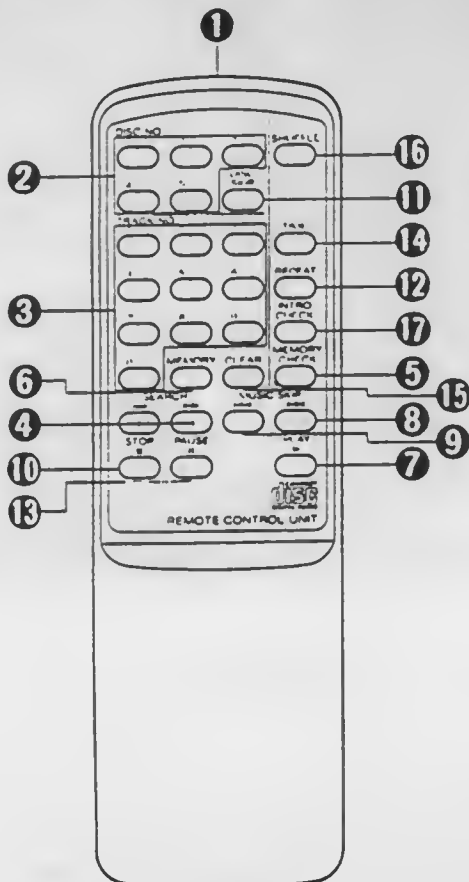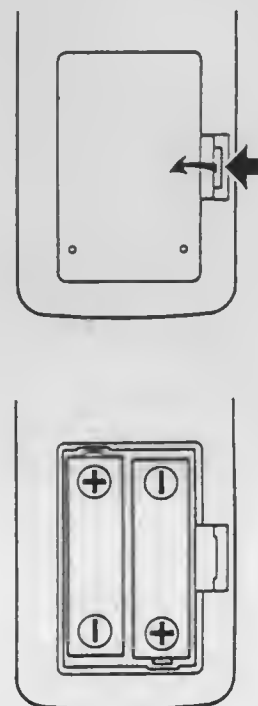⑮ CLEAR Button
⑯ SHUFFLE Button
⑰ INTRO CHECK Button

Fig. 6

FOR SAFE AND EFFICIENT OPERATION

CAUTION: READ THIS BEFORE OPERATING YOUR UNIT.

- This equipment is a sophisticated electro-mechanical device. To ensure proper operation, please read this manual carefully.
- Choose the installation location of your unit carefully. Avoid placing it in direct sunlight. Also avoid locations subject to vibration and excessive dust, heat, cold or moisture. Keep away from such sources of hum as transformers or motors.
- Do not use this unit where there are extremes in temperature (below 41°F/5°C or exceeding 95°F/35°C) or where direct sunlight may strike it.
- Do not open the cabinets as this might result in damage to the set or electrical shock.
- Be sure hands are clean when handling discs. Never insert a disc which has a crack on its surface.
- When disconnecting the power cord from the wall outlet, always grasp it by the plug. Never yank the cord.
- Do not use force when operating the switch and buttons.
- Before moving the set be sure to disconnect the power cord and all connecting cables.
- To keep the laser-pickup clean, do not forget to close the disc tray.
- Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.

> **DANGER:**
> pen the enclosure is removed and the safety interlock is defeated or has failed, avoid direct exposure to invisible laser beam.

> CAUTION. REPLACE THE FUSE WITH ANOTHER OF THE SAME TYPE/VALUE. FIRSTLY DISCONNECT THE POWER SUPPLY.

NOTE:
Do not move this player with compact discs set inside. Otherwise, compact discs may get out of position and consequently may not be taken out of the player.

- Be sure to read TOUBLESHOOTING GUIDE section for advice on common operating errors before concluding that your unit requires service.
- Keep this manual in a safe place for future reference.
- NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the distance between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT... This Digital Compact Disc Changer was developed to give you many years of enjoyment. Please read the following instructions carefully. They have been prepared to assist you during the initial set-up procedure and to assure you of optimum performance at all times.

THE WARRANTY ON THIS UNIT DOES NOT COVER DAMAGE CAUSED BY MIS-HANDLING OR MISUSE.

CONNECTING THE DIGITAL COMPACT DISC CHANGER

CAUTION:
- Before making connections or disconnections, be sure to switch off the power to each component.
- Be sure to make the correct connections, paying attention to the L (left channel) and R (right channel) marks. Plug in the cables securely. Loose connections will result in unsatisfactory sound reproduction or cause noise problems. Refer to Fig. 1.
- After all connections have been completed, connect the power cord of the main unit to either a household outlet or an auxiliary outlet on the amplifier.
- If this unit interferes with the tuner, switch off the unit during tuner operation.

① LINE OUT Jacks... (See Fig. 1)
Connect one end of the patch cords (supplied) to these jacks and the other end to the jacks designated by CD, DAD, AUX, TAPE PLAY, T.V., TUNER, etc., on the amplifier. Do not connect it to the amplifier's PHONO jacks.
Do not confuse the right (R) and left (L) cords when making connections. The white plug is for the left channel and the red plug is for the right channel.

② AC Power Cord...
After completing the installation and all connections, make sure that the POWER switch on the front panel of this unit is set to OFF. Then plug the power cord into an AC wall outlet.

COMPACT DISCS

HANDLING THE DISCS

This unit has been designed to play compact discs bearing the identification logo shown as below. No other discs can be played.

```
 ┌─────────────┐
 │  COMPACT    │
 │ ┌─┐         │
 │ d│S│C       │
 │ └─┘         │
 │DIGITAL AUDIO│
 └─────────────┘
```

- Fingerprints and dust should be carefully wiped off the disc's signal surface (glossy side) with a soft cloth.
  Wipe in a straight motion from the inside to the outside of the disc.
- Never use chemicals such as record cleaning sprays, antistatic sprays or fluids, benzine or thinner to clean compact discs. These chemicals will permanently damage the disc's plastic surface.

- Always place the compact disc in the disc tray with the label facing upward. Compact discs can be played on only one side.
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges (Fig. 4).

- Discs should be returned to their cases after use to protect them from dust and scratches.
- To prevent warping the disc, do not expose it to direct sunlight, high humidity or high temperatures for extended periods of time.
- Do not apply paper or write anything on the disc surface.

OPERATION OF THE DIGITAL COMPACT DISC CHANGER

LOADING A DISC

1. Set the POWER button to ON (button IN).
   - The carousel turns clockwise automatically.
2. Press the OPEN/CLOSE button, and then the DISC TRAY opens.
3. Load the disc(s) on the disc tray(s), label side up.
4. Press the DISC SKIP button to load all 5 discs.
   - Each time the DISC SKIP button is pressed, the carousel turns clockwise to the next tray position.

NOTE:
DO NOT TOUCH THE CAROUSEL WHILE IT IS ROTATING.

CAUTION:
- Do not put anything except a compact disc into the tray. Foreign objects can damage the mechanism.
- Do not force the carousel by hand while it is rotating.
- Do not load more than one disc into a tray.
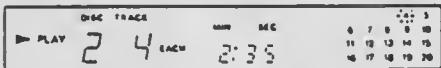
PLAYING A DISC (See Fig. 2 or 5)

1. Set the POWER button to ON (button IN).
2. Press the OPEN/CLOSE button.
3. Load a disc.
4. Press the DISC NO. button which corresponds to the tray number of the disc to be played.
   - When only a disc number has been selected, play will start on track 1 of the selected disc.
5. Press the "▶▶I" or "I◀◀" button to select a track number.
   - If only a track number is selected when in STOP mode, play will start with the selected track of the displayed disc number.
NOTE:
If a track number is selected which is greater than the highest track number on the disc, play will start with the last track on the disc.
6. Press the PLAY button.
   - The PLAY and EACH indicators light.
   - The tracks elapsed playing time and the numbers of the currently playing disc, track are displayed and the number of the currently playing track blinks.
   - During PLAY mode, select the disc and track numbers, then within 10 seconds press the PLAY button.

Example: Track 4 on disc number 2 has been playing for 2 minutes 35 seconds.

Elapsed playing time of current track

Fig. 7

7. Press the TIME button once, twice, or three times to display the following information:

Example: Track 4 on disc number 2 has 1 minute and 15 seconds of playing time remaining.

Remaining time and tracks of current track

Fig. 8

Example: During normal (or programmed) play, disc number 2 has 20 tracks and a total playing time of 59 minutes and 42 seconds.

Total playing time and tracks of current disc

Fig. 9

Example: During normal play, disc number 2 has 16 tracks and 41 minutes and 56 seconds of total playing time remaining.

Remaining time of current disc

Fig. 10

8. Press the TIME button again to view the current track's elapsed playing time.
   - During disc play, the TIME display returns to the elapsed playing time indication about 10 seconds after the TIME button is pressed.
9. Press the PAUSE button to temporarily stop play.
   - The PLAY indicator goes OFF and the PAUSE indicator lights.
   Press the PAUSE button again, or press the PLAY button, to continue.
   - The PAUSE indicator goes OFF and the PLAY indicator lights.
10. Press the DISC SKIP button to select the next disc.

MUSIC SKIP

11. Press and release the "▶▶I" button to advance to the beginning of the next track. Press and hold down the "▶▶I" button to advance to subsequent tracks.
12. Press and release the "I◀◀" button to return to the beginning of the currently playing track.
    Press and hold down the "I◀◀" button to return to subsequent tracks.

MANUAL SEARCH

13. Press and hold down either SEARCH button to quickly search the disc in the forward or reverse direction.
    - This unit features 2-speed search. The search speed will increase after the button is held down for approximately three seconds.
    - The volume is lowered to about 1/4 of the current volume.
    - Search is possible during PAUSE mode, but no sound is heard.
    - The CD changer will not search beyond the beginning or the end of the disc.
14. Press the STOP button to end normal play.
    - The PLAY indicator goes OFF.
    - The TIME display shows "0:00".
    - The TRACK NUMBER display shows "1".
    NOTE:
    The unit will stop when the last track on disc number 5 has finished playing.

REPEAT DISC PLAY

Press the REPEAT button to select the desired type of repeat disc play.
1. all of the tracks on the loaded discs
2. one track
3. all programmed tracks
    a) various tracks on several discs
    b) all of the tracks on one disc
       one track

Repeat Play: All Of The Tracks On The Loaded Discs

1. Press the STOP button, then press the CLEAR button.
    - The MEMORY indicator must be OFF.
2. Press the REPEAT button once.
    - The ALL REPEAT indicator lights.
3. Press the PLAY button.
    - The PLAY indicator lights.
4. All of the loaded discs are played repeatedly until the STOP button is pressed.
5. Press the REPEAT button two (2) more times to end repeat play. Normal play continues from that point.
6. When the last track on disc number 5 has finished playing (during normal play), the CD changer will stop.
    - The PLAY indicator goes OFF.

Repeat Play: One Track

1. Press the STOP button, then press the CLEAR button.
    - The MEMORY indicator must be OFF.
2. Press the REPEAT button twice.
    - The ONE REPEAT indicator lights.
3. Press a DISC NO. button to select a disc number.
4. Press the "▶▶I" or "I◀◀" button to select a track number.
5. Press the PLAY button.
    - The PLAY indicator lights.
6. The selected track is played repeatedly until the STOP button is pressed.
7. Press the REPEAT button once more to end repeat play. Normal·play continues from that point.
8. When the last track on disc number 5 has finished playing (during normal play), the CD changer will stop.
    - The PLAY indicator goes OFF.

Repeat Play: All Programmed Tracks

1. Press the STOP button, then press the CLEAR button.
    - The MEMORY indicator must be OFF.
2. Enter one of the following types of programs (see "PROGRAMMED DISC PLAY"):
    a) Various tracks on several discs
    b) All of the tracks on one disc
    c) One track (1 disc number and 1 track number)
    - The MEMORY indicator lights.
3. Press the REPEAT button once.
    - The ALL REPEAT indicator lights.
4. Press the PLAY button.
    - The PLAY indicator lights.
5. All of the programmed tracks are played · repeatedly, in order, until the STOP button is pressed.
6. Press the REPEAT button two (2) more times to end repeat play. Programmed play continues from that point.
7. When the last track has finished playing during programmed play, the CD changer will stop.
    - The PLAY indicator goes OFF.
    - The MEMORY indicator remains ON.

Repeat Play: One Programmed Track

1. Press the STOP button, then press the CLEAR button.
    - The MEMORY indicator must be OFF.
2. Enter one of the following types of programs (see "PROGRAMMED DISC PLAY"):
    a) Various tracks on several discs
    b) All of the tracks on one disc
    - The MEMORY indicator lights.
3. Press the REPEAT button twice.
    - The ONE REPEAT indicator lights.
4. Press the PLAY button.
    - The PLAY indicator lights.
5. Press the "▶▶I" or "I◀◀" button to select the programmed disc and track to be repeated.
6. The one programmed track selected, will play repeatedly, until the STOP button is pressed.
    If a disc selected which has been programmed to play "ALL" selections, only track 1 will play repeatedly until the STOP button is pressed.
7. Press the REPEAT button once more to end repeat play. Programmed play continues from that point.
8. When the last track has finished playing during programmed play, the CD changer will stop.
    - The PLAY indicator goes OFF.
    - The MEMORY indicator remains ON

NOTE:
If the STOP button is pressed, repeat play will end.

PROGRAMMED DISC PLAY

A program cannot be entered during PLAY mode.

Entering A Program

1. Press the STOP button.
2. Press a DISC NO. button to select a disc number.
3. Press the "▶▶I" or "I◀◀" button to select a track number.
4. Press the MEMORY button.
    - The MEMORY indicator lights.
    - The TIME display shows "P-01".
    - If the MEMORY button is pressed before a disc number and a track number are selected, track 1 of the displayed disc number is entered as program selection number 1.
    The first program selection is now stored in the program memory.
5. Repeat steps 2 – 4 to enter additional selections into the program.
6. To enter all of the tracks on a disc, select the disc number with a DISC NO. button, then press the MEMORY button.
    - The TRACK NUMBER display shows "ALL".
7. Up to 32 selections can be entered into the program memory, for disc play in any order. If you try to enter more selections, the TIME display shows "FULL" for about 1 second.

Changing A Program

1. Display the selection to be changed by pressing the MEMORY CHECK button.
2. Enter a new program selection.

NOTES:
- Track numbers which exceed the highest track on a disc can be programmed, but during play these tracks will be deleted.
- The times shown in the TIME display may differ slightly from the times listed in the literature from the compact disc.
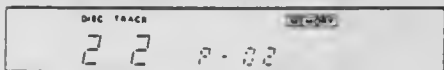
Playing A Program

1. Press the PLAY button after entering a program.
2. Programmed play starts from the beginning of the first programmed track.
3. When the programmed play starts, all the entered track Nos. are displayed and the number of the currently playing track blinks.
4. When all of the programmed tracks have been played, the CD changer will stop.
   - The PLAY indicator goes OFF.
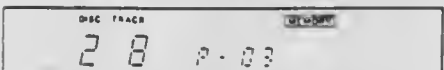   - The MEMORY indicator remains ON.
   - e TIME display shows "P-01".

a) Example: To play track 5, track 2, and track 8 on disc number in programmed sequence.
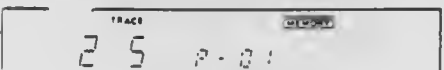
b) Enter the first program track and disc number.

c) Enter the second program track.

d) Enter the third program track.

e) Press the PLAY button.

f) The first programmed track starts to play.

Fig. 11

NOTES:
- Disc and track numbers cannot be selected during programmed play.
- The DISC SKIP button cannot be used during programmed play.

Checking The Program Contents

1. Press the STOP button.
2. Press the MEMORY CHECK button to view the contents of the program memory.
3. Each time the MEMORY CHECK button is pressed, the contents of the next programmed selection are shown in the DISC NUMBER, TRACK NUMBER and TIME displays.

Adding Selections To A Program

When adding new selections to a program after programmed play is completed, or after checking the program contents.

1. Press the STOP button.
2. Press a DISC NO. button to select a disc number.
3. Press the "▶▶l" or "l◀◀" button to select a track number.
4. Press the MEMORY button.

Ending Programmed Play

1. Press the STOP button to end programmed play.
2. Press the CLEAR button to clear the program memory.
   - The MEMORY indicator goes OFF.
3. During programmed play, if the CLEAR button is pressed, programmed play will end and normal play continues from that point.

NOTE:
The program memory is also cleared if the CD changer's power is switched off.

REMOTE CONTROL

The wireless, infrared Remote Control Unit can operate the compact disc changer from a distance of up to 30 feet.

The hand-held remote control emits an invisible infrared beam, which carries the control signals to the sensor window on the front panel of the compact disc changer. Because the infrared beam travels in a straight line, the emitter on the remote control must be pointed toward the infrared sensor window on the compact disc changer. Make sure that there are no objects between the remote control and the compact disc changer that might obstruct the beam. Refer to the "OPERATION OF THE DIGITAL COMPACT DISC CHANGER" section for details of buttons whose functions are not described in this section.

They function the same as buttons of the changer.

Battery Installation

Remove the rear cover of the remote control by sliding it in the direction of the arrow (Fig. 5) Install two AA (= R6 = SUM3) size batteries while observing the correct polarity (match the (+) and (−) signs). If the batteries are installed incorrectly, the remote control will not operate and damage may result. Replace the rear cover

CAUTION:
Remove the batteries from the remote control if it is not to be used for a long period of time. Exhausted batteries may leak and damage the remote control.

The Wireless Remote Control unit allows for the following functions in addition to the same controls as the front buttons of the unit afford. Refer to Fig. 5.

Direct Access to a Track

1. Select a disc number using the DISC NO. buttons.
2. Select a track number using the TRACK NO. buttons and then press the PLAY button.

NOTE:
- Track numbers can be designated from "1" to "99". When the track number which is not contained in a disc is designated, the last track of the disc will be played.

Entering A program

A track number can be entered easily into a program by using the TRACK NO. buttons instead of the MUSIC SKIP buttons.
- When all the programmed tracks are played through, the player will be set to the programmed playback stop mode.
- When one of the MUSIC SKIP buttons is pressed during the random programmed disc play, the track numbers will change in the order in which they have been programmed.

Shuffle Play

1. Press the SHUFFLE button.
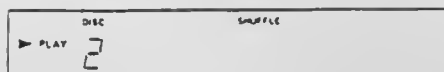   - The SHUFFLE indicator will light.

Fig. 12

2. Press the PLAY button.
   - The PLAY indicator will light and shuffle play will begin.
   - When the SHUFFLE button and PLAY button are pressed during the STOP mode, the CD changer's built-in microcomputer will select and play disc tracks at random, until the STOP button is pressed. If tracks have been programmed, the programmed tracks will be played at random.
   When the PLAY button is pressed, shuffle play will end, and normal (or programmed) disc play will continue from that point. If a new track number is selected during normal (not programmed) shuffle play, and the PLAY button is pressed, shuffle play will end and normal disc play will continue from that point.
   - If a new track number is selected during the shuffle play of programmed tracks, and the PLAY button is pressed, the new track number will be ignored, shuffle play will end, and programmed disc play will continue with the currently playing track.

Shuffle Programmed Disc Play

1. Enter the program.
2. Press the SHUFFLE button.
3. Press the PLAY button.
   NOTES:
   When all of the shuffle programmed tracks have been played, the CD changer will stop.
   - Pressing the "▶▶I" or "I◀◀" button during the shuffle programmed play changes track numbers in the programmed order.

INTRO CHECK DISC PLAY

Checking the Contents of All Discs

Press the INTRO CHECK button and PLAY button to start intro check disc play. The INTRO and PLAY indicators will light.

When the INTRO CHECK button is pressed during the STOP mode, the first track on the disc number shown in the DISC NUMBER display will be played for about 10 seconds, then the second track on the disc will be played for about 10 seconds. Disc play will continue in this way until all the tracks on all the discs have been scanned.

If you press the INTRO CHECK button during normal play, intro check disc play begins with the next track.

If you perform the same action while the track is played for less than 10 seconds, the intro check disc play starts from that track.

When tracks have been programmed, they will be scanned in order for about 10 seconds each.

If the PLAY button is pressed during intro check disc play, the intro check mode will end and normal disc play will continue from that point.

Selecting a Disc for INTRO Checking

1. Press the INTRO CHECK button.
2. Select a disc number using the DISC NO. buttons.
3. Press the PLAY button.
   NOTE:
   - In order to designate a track number on the disc, press the DISC NO. button first, and then press the TRACK NO. button.
   - Upon finishing the entire intro check disc play, the mode display changes to STOP.

INTRO Checking During Programmed Disc Play

1. Enter the program.
2. Press the INTRO CHECK button.
3. Press the PLAY button.
   NOTES:
   - Upon finishing the entire programmed intro check disc play, the mode display changes to STOP for the programmed play.
   - Pressing a SHUFFLE button activates intro check disc play at random within the programmed tracks.

INTRO CHECK Time Setting

1. Input the desired time by pressing a TRACK NO. button. (one to 99 seconds)
2. Press the INTRO CHECK button.
3. Press the DISC NO. button.
   (In order to designate a track number on the disc, press the DISC NO. button first, and then press the TRACK NO. button.)
4. Press the PLAY button.

Repeat Play: Shuffle Programmed Tracks

1. Enter the program.
2. Press the SHUFFLE button.
3. Press the REPEAT button.
4. Press the PLAY button.
5. Programmed tracks are played at random repeatedly until the STOP button is pressed.
   - Shuffle programmed tracks are played in a different order during the second run and all runs thereafter.
   - During repeat shuffle programmed play, if the PLAY button is pressed, the shuffle programmed play is cancelled and the programmed tracks are played repeatedly in a programmed order.

Repeat Play: Intro Check Disc Play

1. Press the INTRO CHECK button and PLAY button.
2. Press the REPEAT button.
3. Intro play is repeated for the tracks on all discs.
   - If the REPEAT button is pressed again, intro play is repeated for the tracks currently played, and REPEAT ONE indicator lights.

Repeat Play: Intro Check Disc Play of Shuffle Programmed Tracks

1. Enter the program.
2. Press the INTRO CHECK button.
3. Press the SHUFFLE button.
4. Press the PLAY button.
5. Press the REPEAT button.
6. The shuffle programmed intro scan disc play is repeated until the STOP button is pressed.
   - If the REPEAT button is pressed again, repeat play is cancelled and shuffle programmed intro scan disc play starts.
   - The REPEAT indicator goes OFF

TROUBLESHOOTING GUIDE

If you have followed the instructions, and are having difficulty operating your compact disc changer, locate the SYMPTOM in the left hand column below. Check the corresponding POSSIBLE CAUSE and CORRECTIVE ACTION columns to locate and remedy the problem.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
No power when the POWER button is set to ON.	Poor or no power plug connection at the AC outlet.	Insert the power plug firmly into the AC outlet.
Disc play does not start.	The disc is loaded upside down.	Reload the disc with the label side UP.
	The disc is too dirty.	Clean the disc.
No sound.	Incorrect audio cable connections.	Connect the CD changer to the amplifier/receiver correctly.
	Incorrect amplifier/receiver operation.	Make sure that the amplifier/receiver controls are set correctly.
Sound skips.	The CD changer is subject to vibration or physical shock.	Change the installation location.
	Defective dirty or deeply scratched disc.	Play another disc.
Programmed play does not function.	The CD changer is in the normal play mode.	Press the STOP button, then enter a program.
A "Hum" sound can be heard.	Loose cable connections.	Firmly connect all the cables.

SPECIFICATIONS

System	Digital Compact Disc Changer
AUDIO CHARACTERISTICS	
Frequency Response	20-18kHZ
Harmonic Distortion	Less than 0.02% (1 kHz)
S/N Ratio	More than 96 dB
Wow and Flutter	Quartz precision
Channel Separation	More than 90 dB (1 kHz)
Output Voltage max.	2 Vrms
FUNCTIONS	
Disc Selection	with Remote Control
Track Selection	with MUSIC SKIP ▶▶I and I◀◀ buttons
Search Selection	with Remote Control

Forward/Back	2-Speed Search with sound
Each/Remain/ Total Time Display	with TIME button during PLAY mode
Program	32 selection
Repeat Tracks	One/All/Program
Program Reset	with CLEAR button
Checking Program	with MEMORY CHECK button (in STOP mode)
Shuffle Play	with Remote Control
Intro Scan	with Remote Control
Pause	Each selection
Disc Loading	Front Loading
DIGITAL SIGNAL PROCESSING	
Optical Pickup	3-beam laser

Error Correction	CIRC
Sampling Frequency	44.1 kHz
D/A Conversion	1 BIT
Filter	4 times over sampling
GENERAL	
Power Source	240 V, 50 Hz (AUS, UK) 230/110 V, 50/60 Hz (EX) 120 V, 60 Hz (TCA, CND)
Power Consumption	20 Watts
Dimensions (W × H × D)	435 × 112 × 375 mm (17-1/8" × 4-3/8" × 14-3/4")
Weight	5.2 kg (11-2/5 lbs.)

NOTE:
THE SERIAL NUMBER LABEL ON THE REAR PANELS INDICATES A "II" FOLLOWING THE MODEL NUMBER. THE MARK IS TO ALERT AN AUTHORIZED SERVICER OF SPECIAL PARTS ORDERING PROCEDURES ONLY.